

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A probe for use with an outer member having a wall defining an interior bore, the probe comprising:

an elongate body, defining a distal region, a distal end and a proximal region, adapted to be carried within the outer member interior bore, the distal region of the elongate body including a hinge portion that is more flexible than portions of the elongate body immediately proximal to the hinge portion and immediately distal of the hinge portion;

an inflatable tissue coagulation body supported on the elongate body distal region; and

a control element defining a distal portion fixedly secured to the elongate body and associated with the distal end of the elongate body and a proximal portion extending along the exterior of the elongate body toward the proximal region of the elongate body.

2. (Original) A probe as claimed in claim 1, wherein the elongate body comprises a catheter body.

3. (Original) A probe as claimed in claim 1, wherein at least the distal region of the elongate body includes a flexible spline.

4. (Currently Amended) A probe as claimed in claim 3, wherein the flexible spline includes a hinge the hinge portion.

5. (Original) A probe as claimed in claim 4, wherein the inflatable tissue coagulation body is proximal to the hinge portion.

6. (Currently Amended) A probe as claimed in claim 4, further comprising:
at least one sensing element;
wherein the inflatable tissue coagulation body is located one of ~~distal to~~
distal of and proximal to the hinge portion and the at least one sensing element is
located the other of ~~distal to~~ distal of and proximal to the hinge portion.

7. (Original) A probe as claimed in claim 1, wherein the inflatable tissue coagulation body comprises a half-balloon structure.

8. (Original) A probe as claimed in claim 1, wherein the inflatable tissue coagulation body includes micropores.

9. (Original) A probe as claimed in claim 1, wherein the inflatable tissue coagulation body comprises a heated structure.

10. (Original) A probe as claimed in claim 1, wherein the control element comprises a pull wire.

11-36. (Canceled)

37. (New) A probe for use with an outer member having a wall defining an interior bore, the probe comprising:

an elongate body, defining a distal region with a hinge portion, a distal end and a proximal region, adapted to be carried within the outer member interior bore;

an inflatable tissue coagulation body supported on the elongate body distal region and located one of distal of and proximal to the hinge portion;

at least one sensing element located the other of distal of and proximal to the hinge portion; and

a control element defining a distal portion associated with the distal end of the elongate body and a proximal portion extending along the exterior of the elongate body toward the proximal region of the elongate body.

38. (New) A probe as claimed in claim 37, wherein the elongate body comprises a catheter body.

39. (New) A probe as claimed in claim 37, wherein at least the distal region of the elongate body includes a flexible spline and the flexible spline includes the hinge portion.

40. (New) A probe as claimed in claim 37, wherein the inflatable tissue coagulation body includes micropores.

41. (New) A probe as claimed in claim 37, wherein the inflatable tissue coagulation body comprises a heated structure.

42. (New) A probe as claimed in claim 37, wherein the control element comprises a pull wire.

43. (New) A probe for use with an outer member having a wall defining an interior bore, the probe comprising:

an elongate body, defining a distal region, a distal end and a proximal region, adapted to be carried within the outer member interior bore;

an inflatable half-balloon tissue coagulation structure supported on the elongate body distal region and configured to expand in some radial directions relative to the elongate body and to not expand in other radial directions relative to the elongate body; and

a control element defining a distal portion associated with the distal end of the elongate body and a proximal portion extending along the exterior of the elongate body toward the proximal region of the elongate body.

44. (New) A probe as claimed in claim 43, wherein the elongate body comprises a catheter body.

45. (New) A probe as claimed in claim 43, wherein the inflatable half-balloon tissue coagulation body includes micropores.

46. (New) A probe as claimed in claim 43, wherein the inflatable half-balloon tissue coagulation body comprises a heated structure.

47. (New) A probe as claimed in claim 43, wherein the control element comprises a pull wire.